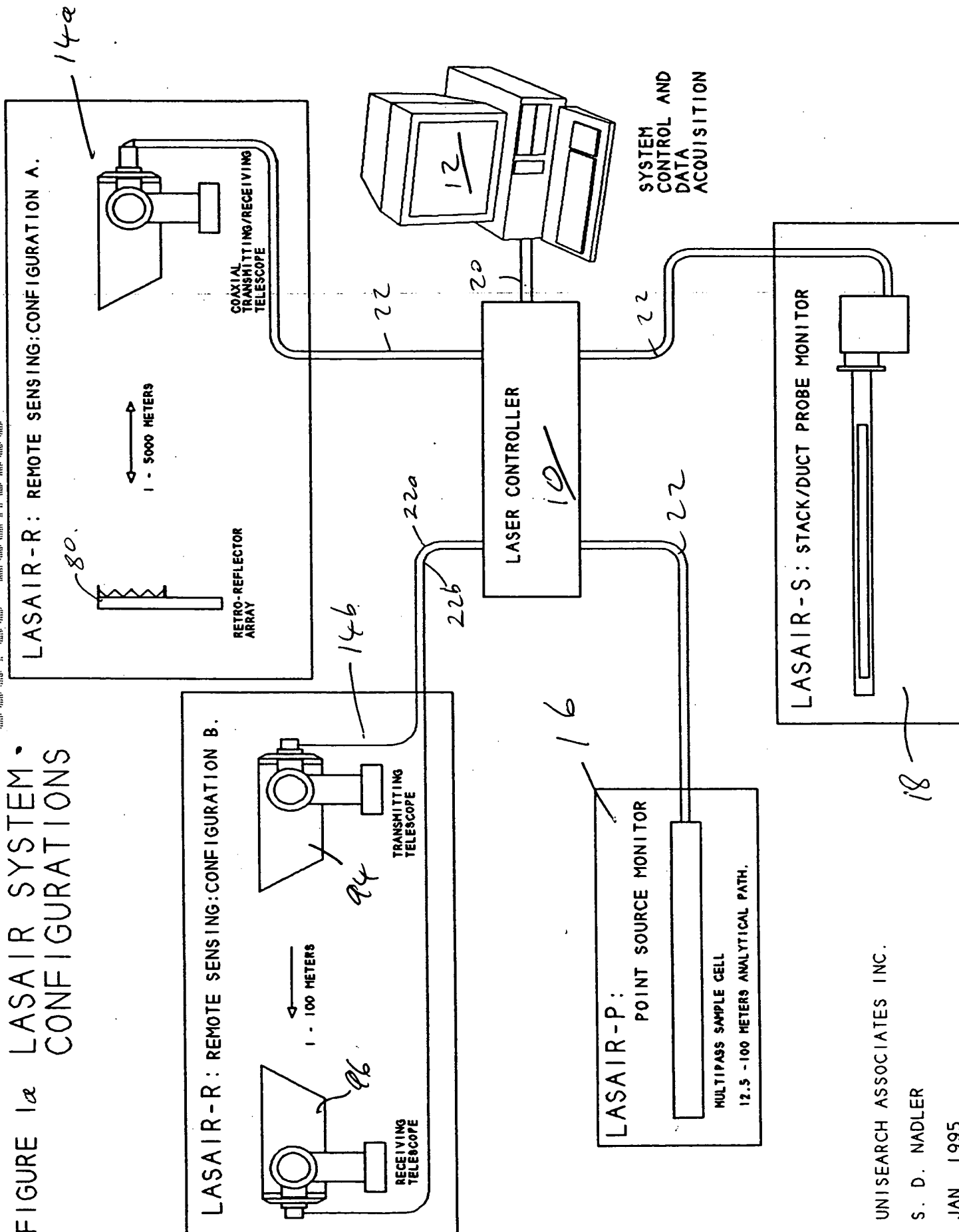


FIGURE 1a LASAIR SYSTEM CONFIGURATIONS



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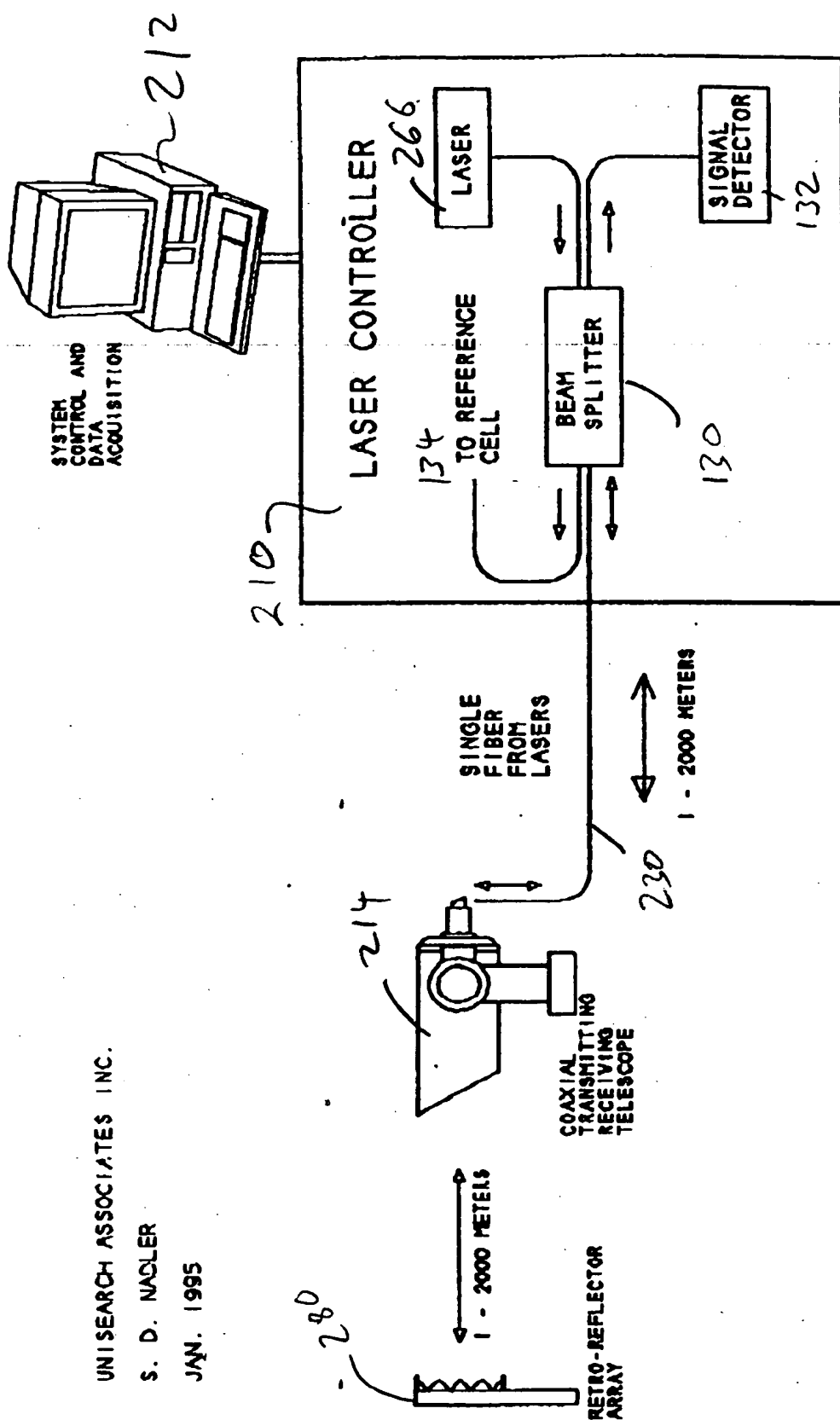
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FIGURE 1a

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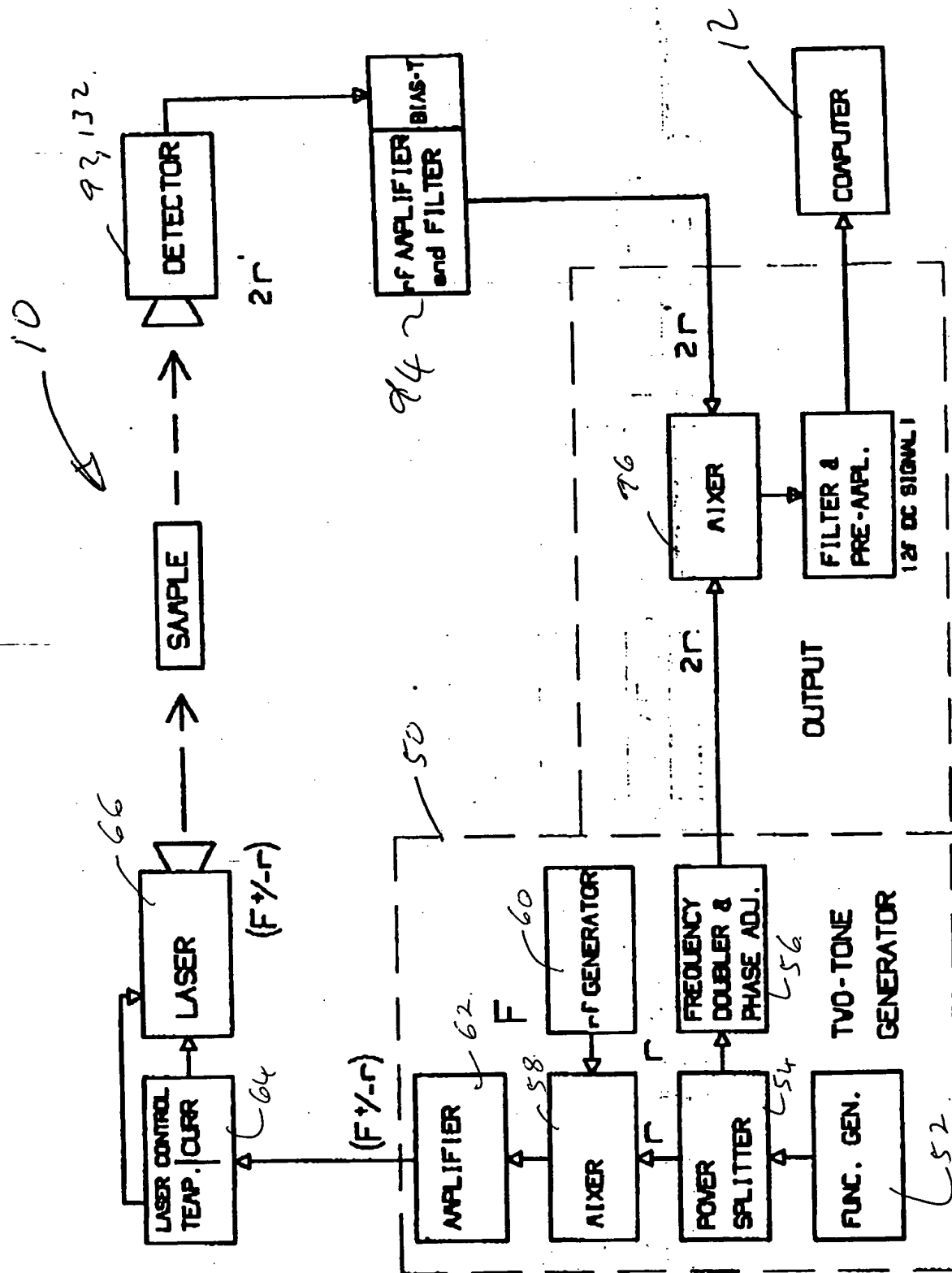


FIGURE 2

FIGURE 3 LASAIR SYSTEM: FIBER OPTICS NETWORK CONFIGURATION

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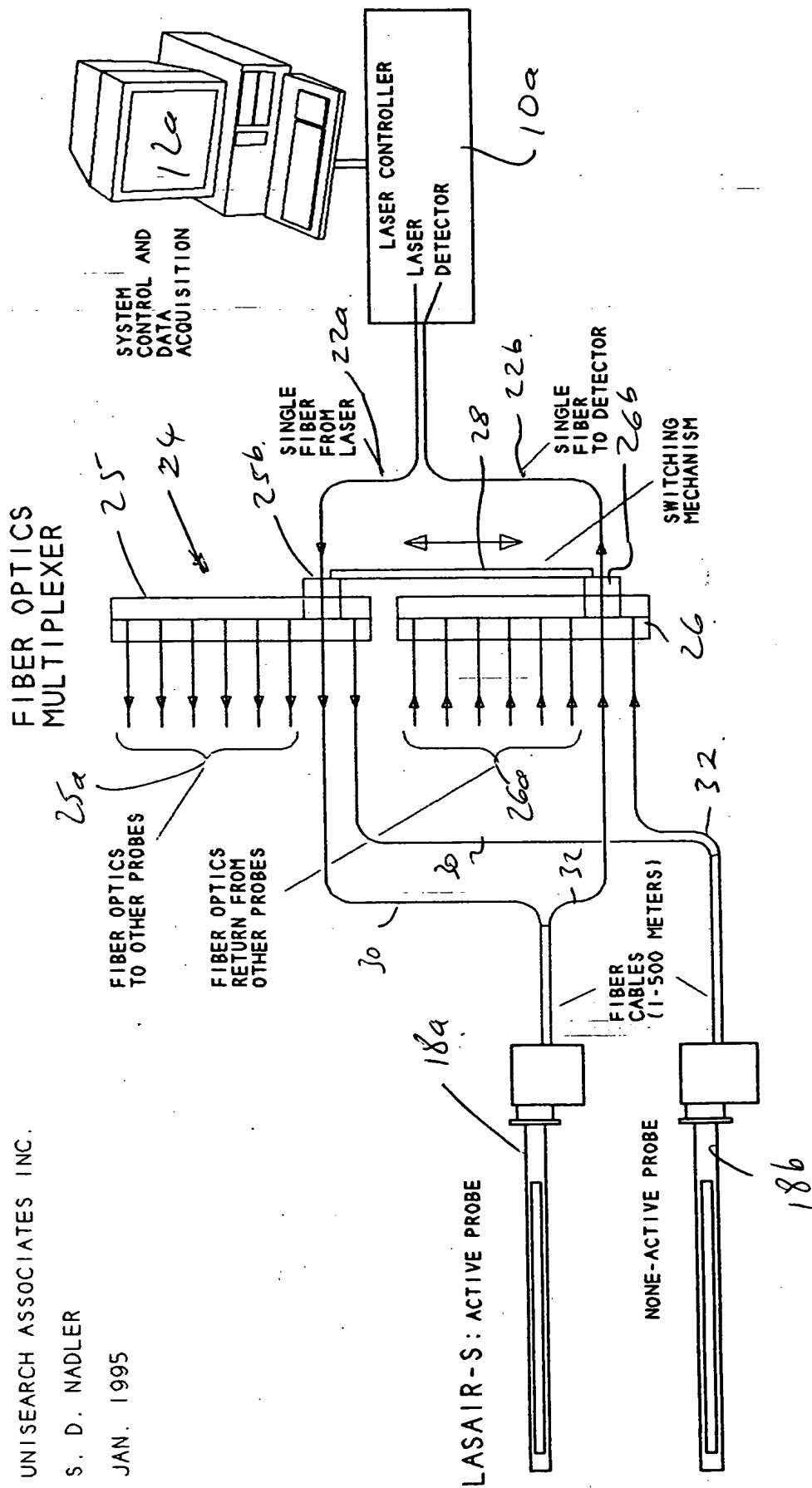
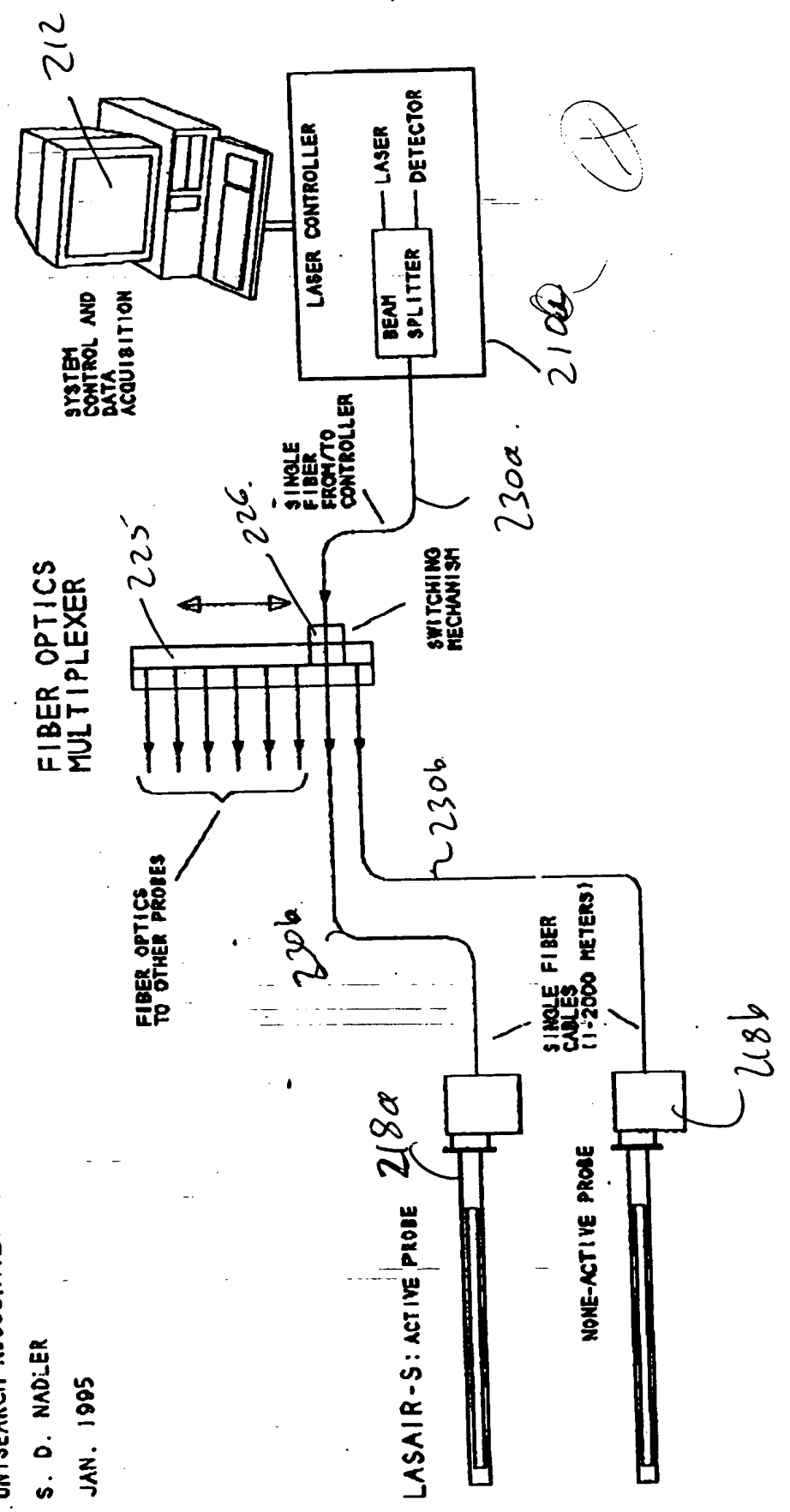


FIGURE 36. LASAIR SYSTEM: FIBER OPTICS NETWORK CONFIGURATION  
SINGLE TRANSMIT/RECEIVE FIBER OPERATION

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# FIGURE 4b LASAIR SYSTEM: FIBER OPTICS NETWORK CONFIGURATION MULTI-LASER OPERATIONS BY USE OF FIBEROPTICS BEAM-SPLITTERS AND SINGLE FIBER CABLES FOR TRANSMIT/RECEIVE OF ANALYTICAL LASER BEAM.

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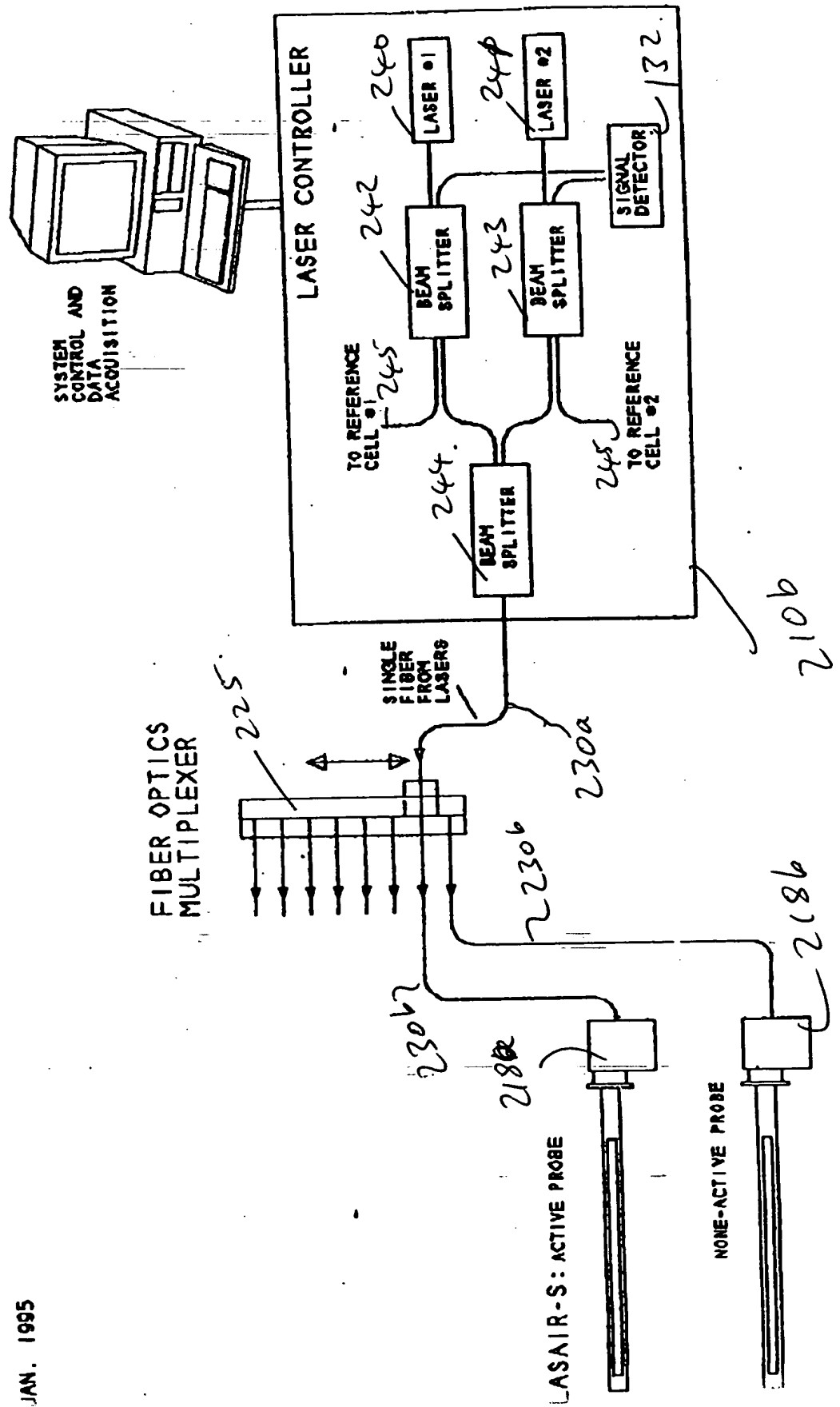
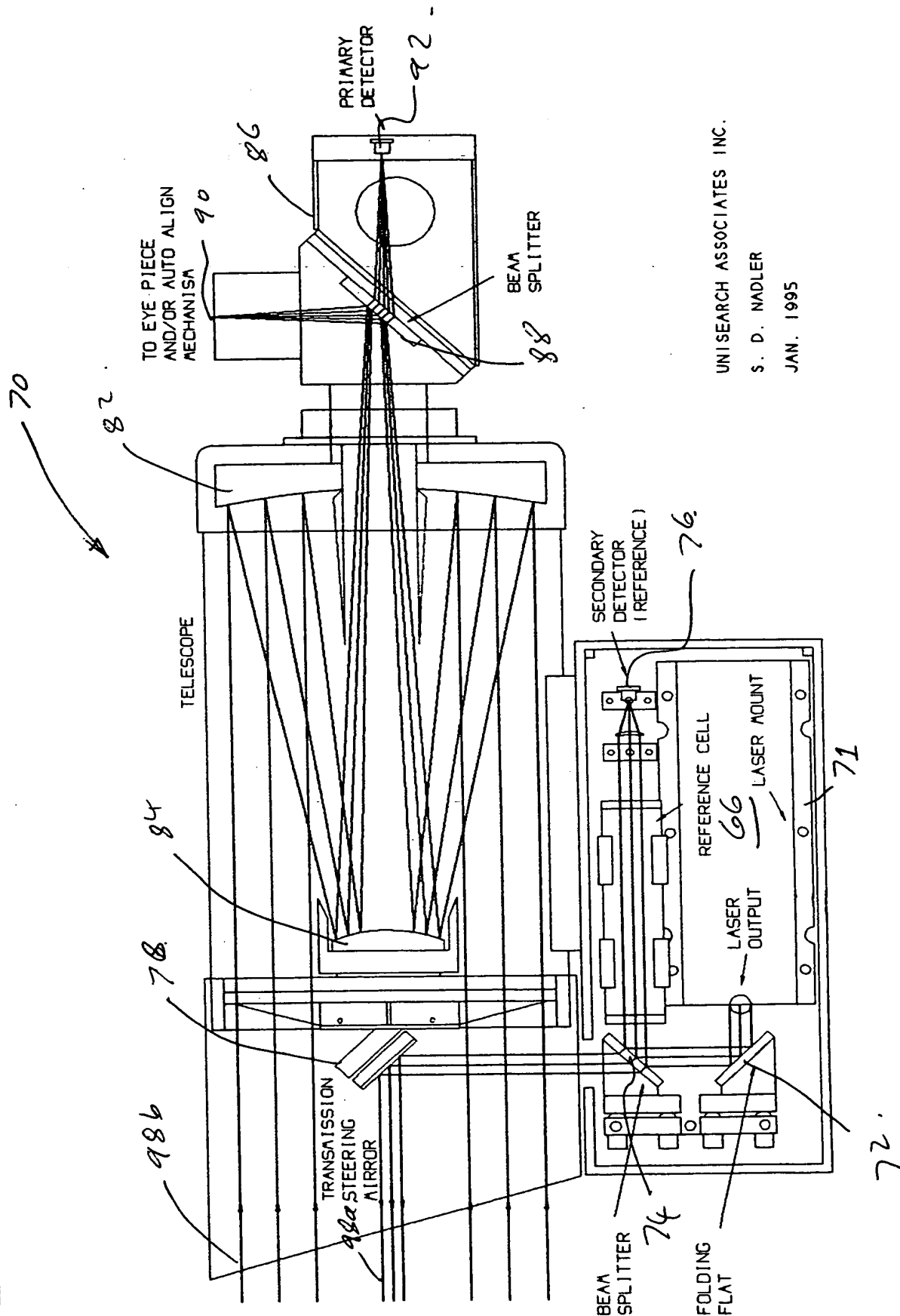


FIGURE 5a.

# LASAIR-R OPTICAL CONFIGURATION

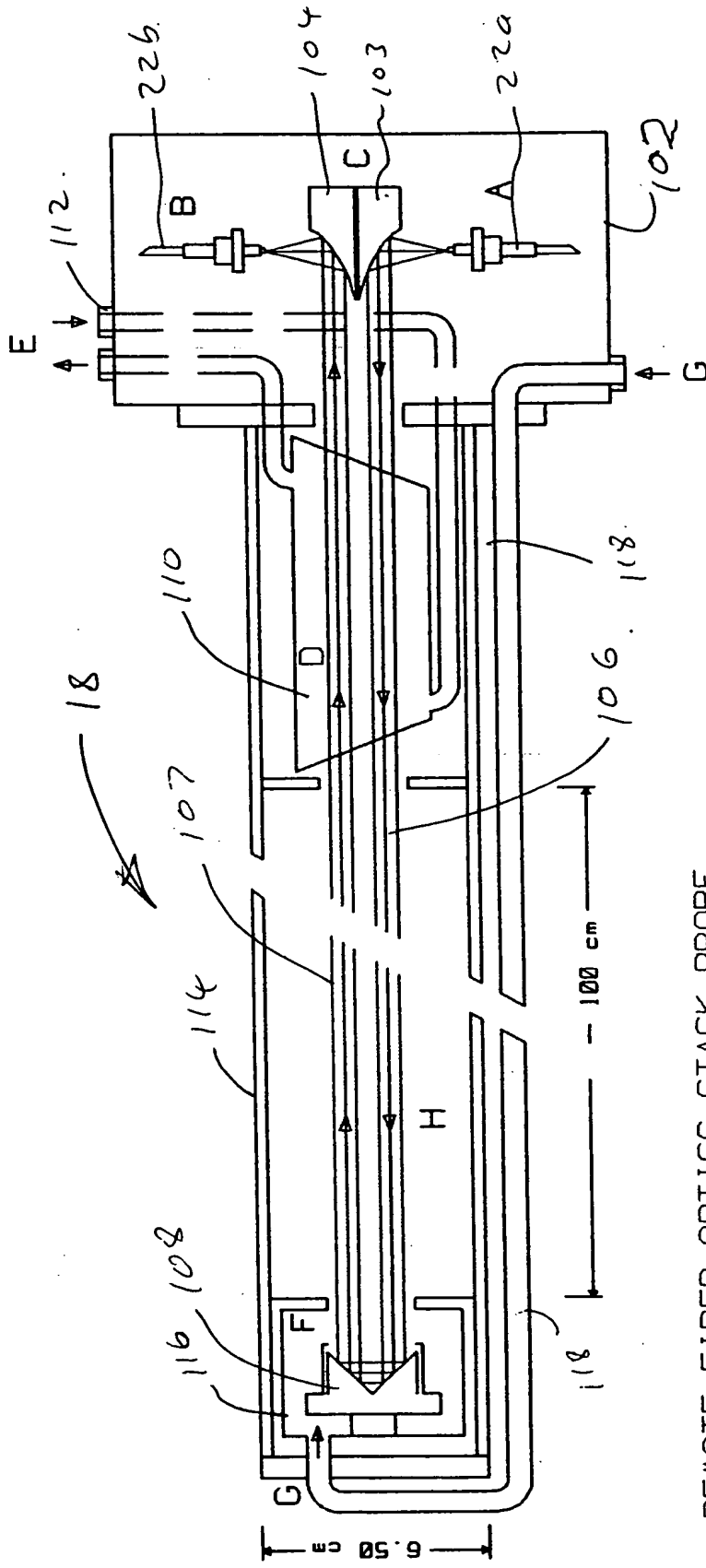


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FIGURE 6 LASAIR-S OPTICAL CONFIGURATION



REMOTE FIBER OPTICS STACK PROBE

- A. SINGLE MODE FIBER FROM LASER
- B. MULTIMODE FIBER TO DETECTOR
- C. OFF-AXIS PARABOLIC MIRRORS
- D. CALIBRATION CELL
- E. CALIBRATION GAS. INLET/OUTLET
- F. RETROREFLECTOR
- G. COOLING AND CLEANING AIR FLOW
- H. TWO METERS ANALYTICAL OPEN PATH

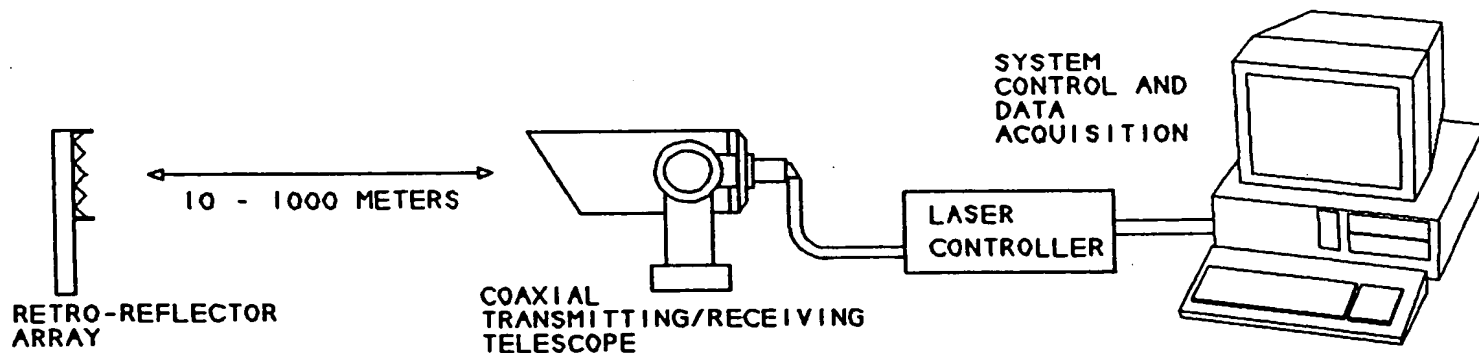
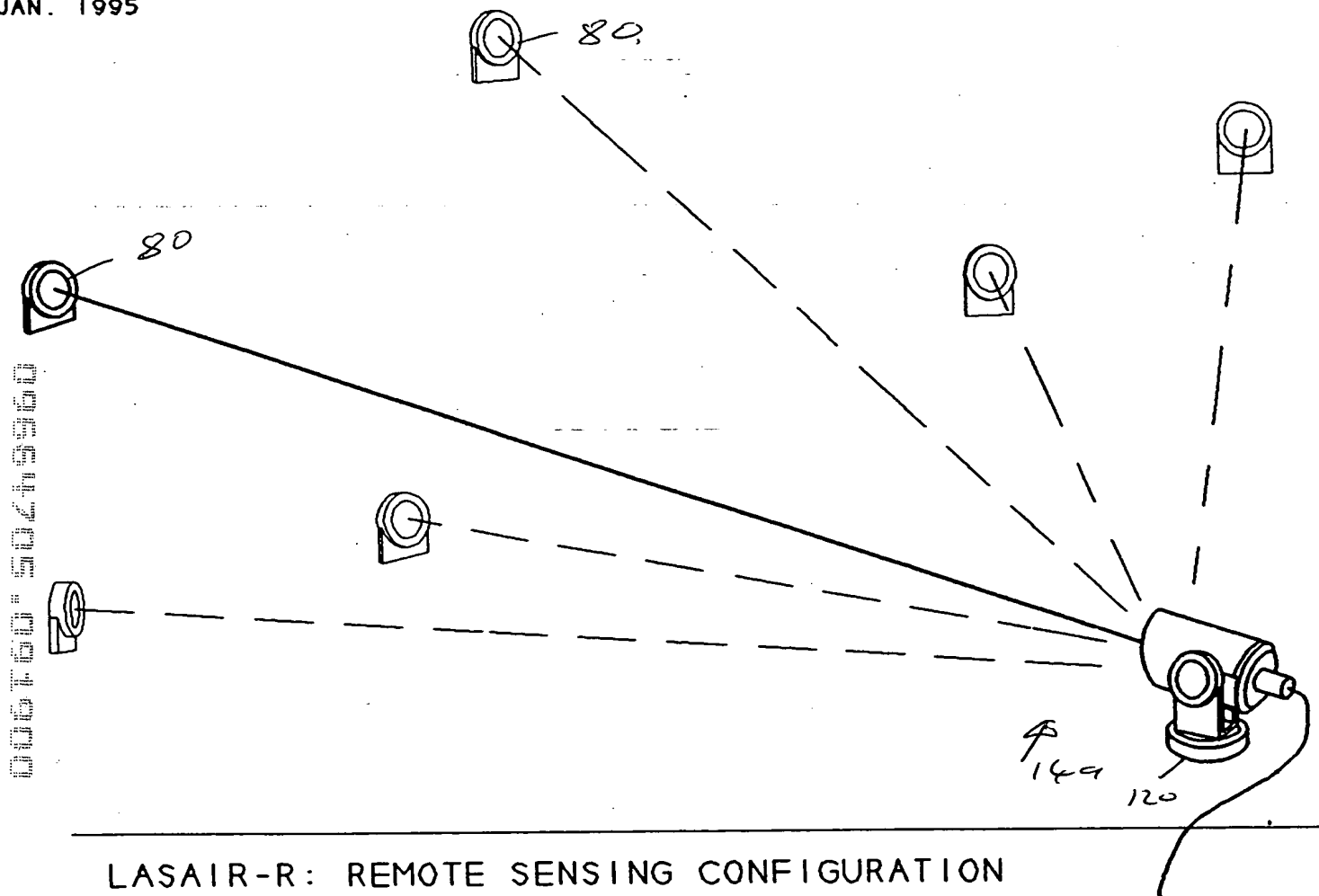
FIGURE 7

# LASAIR SYSTEM: MULTI-TARGET GRID MONITORING

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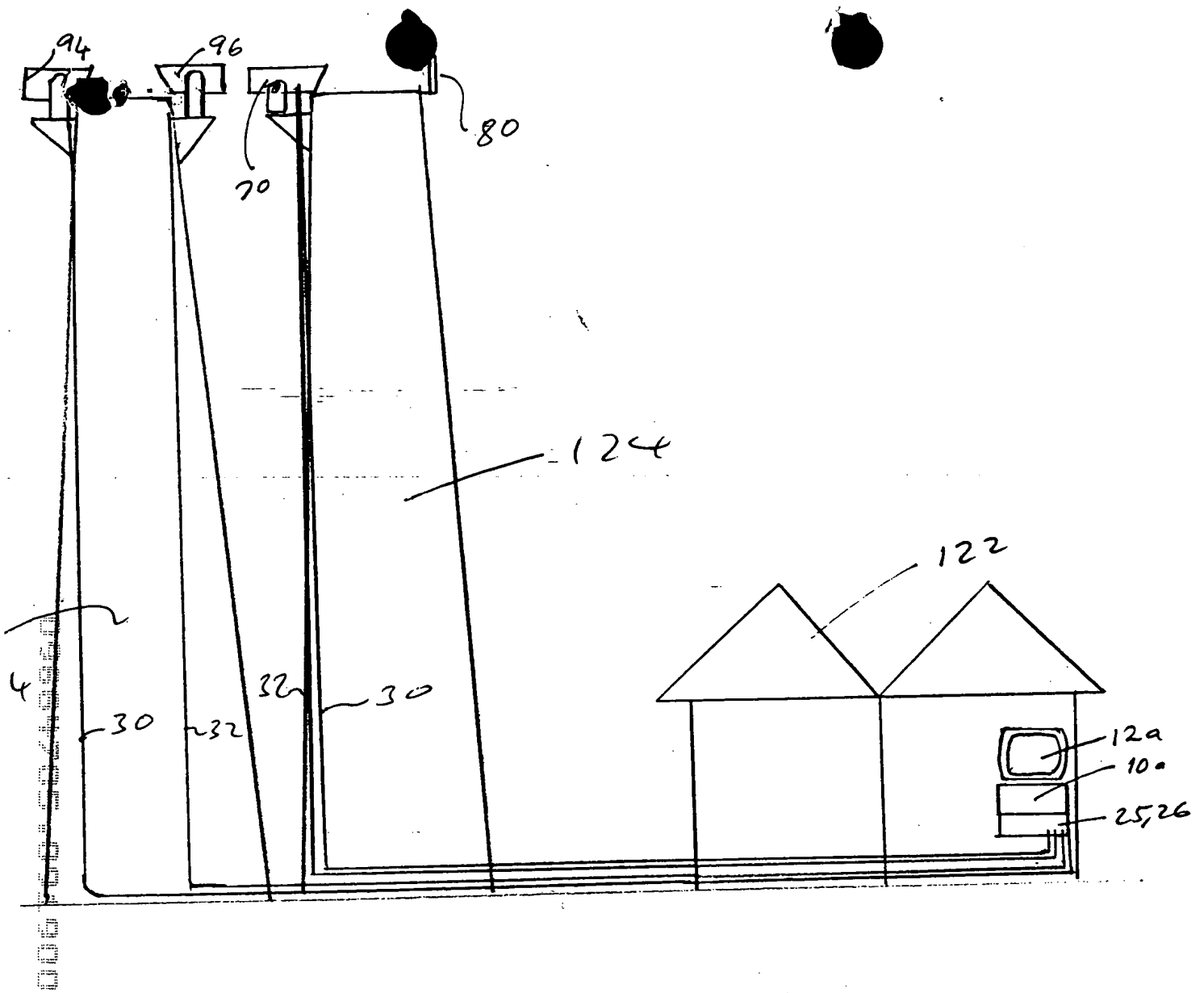


Figure 8.